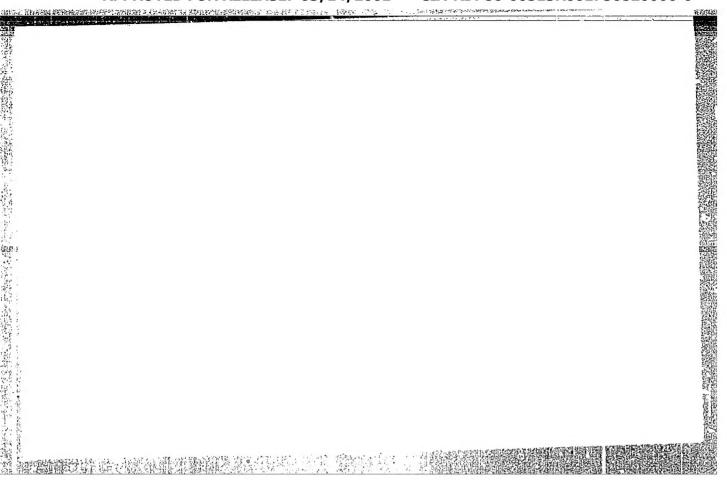
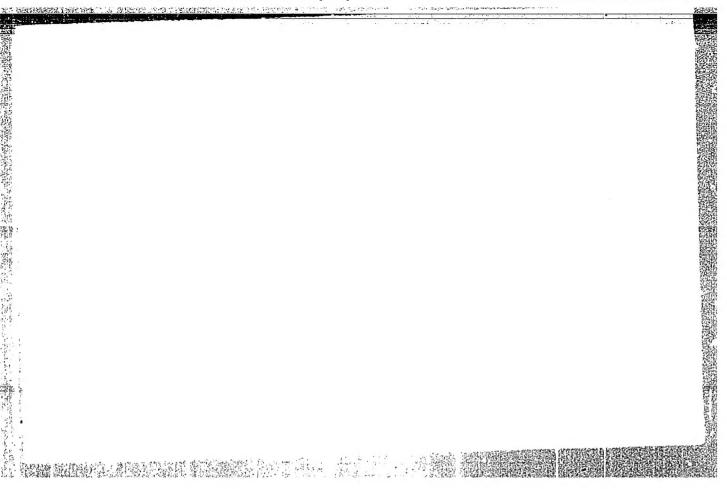


TRUKHNIY, A.D.

Experimental study of the destruction of model gas turbine discs under thermal fatigue. Trudy MEI no.47:235-242 '63. (MIRA 17:1)

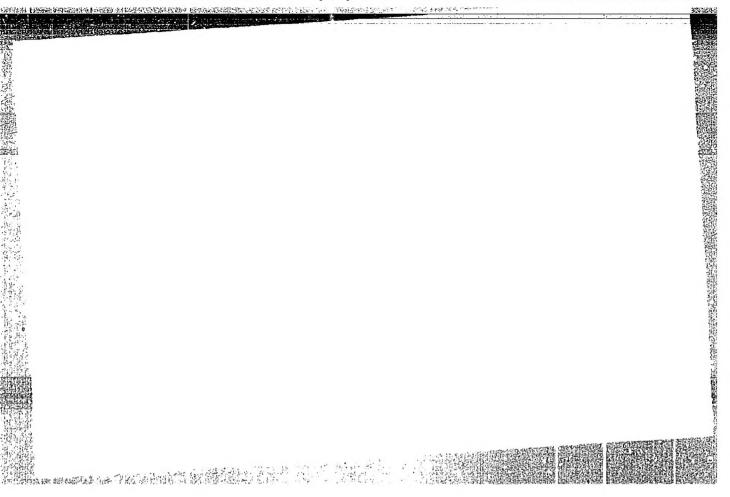




# "APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820006-6

ACCESSION	EWT(1)/EWP(m) P NR: AP5003313	d-1	s/0166/64/000/006/	/0069/0073
AUTHORS:	Umarov, G. Ya.;	Trukhov, V. S.		27
memor pro		er sar s firs	<pre># diramins of deva * a tempor </pre>	lopment ${\cal B}$
بأستام ستبرأ	thore alcowhere	1177. AN SSSK S	seriya iizmat nau	A



UMAROV, G.Ya.; TRUKHOV, V.S.

Experimental study on the generation of shock waves in the pulse breakdown of liquids. Izv. AN Uz. SSR Ser. fiz.-mat. nauk 8 no.3:56-60 '64. (MTRA 17:10)

1. Fiziko-tekhnicheskiy institut AN UzSSR.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"

BELOV, V.F.; VISHNYAKOVA, T.P.; GOL'DANSKIY, V.I.; MAKAROV, Ye.F.;
PAUSHKIN, Ya.M.; SOKOLINISKAYA, T.A.; STUKAN, R.A.; TRUKHTANOV,
V.A.

Study of ferrocene copolymers by means of the Mössbauer effect.

Dokl. AN SSSR 159 no.4:831-834 D 164 (MIR& 18:1)

1. Institut khimicheskoy fiziki AN SSSR i Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti i . I.M. Gubkina. 2. Chlen-korrespondent AN SSSR (for Gol'danskiy).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"

Electrodynamic unit for tests using the Parabouer effect.

Zav. lab. 21 no. 12:1519-1522 165 (NERA 19:1)

1. Institut khimicheskoy fiziki AN SUSE.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"

GOL'DANSKIY, V.I.; BELOV, V.F.; DEVISHEVA, M.N.; TRUKHTANOV, V.A.

Use of the nuclear gamma-resonance method in studying internal magnetic fields on Fe<sup>57</sup> nuclei in Ni - Zn ferrites. Zhur.eksp. i teor.fiz. 49 no.6:1681-1688 D \*65.

(MIRA 19:1)

1. Institut khimicheskoy fiziki AN SSSR. Submitted May 25, 1965.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"

3 xx6++3 151 002/0457/ 316

AUTHOR: Gol'danskiy, V. I. (Corr. member, AN SSSR); Makarov, Ye. F.; Stukan, R. A.; Trukhtanov, V. A.; Khrapov, V. V.

TITLE: Analysis of the structure of polymeric organo-tin oxides R<sub>2</sub> SnO by Mossbauer effect of

SOURCE: AN SSSR. Doklady\*, v. 151, no. 2, 1963, 357-360

TOPIC TAGS: Sn, Mossbauer effect

ALTERSION VR: (PROX)34

ARSTRACT: New assumptions are proposed on the structure of  $R_2S_nO$  organo-tin molecules, based on the presentation of the results of the Mossbauer effect, investigations in these exides and related compounds. The Mossbauer spectra for all these compounds consist of two lines. Also the probability of the Mossbauer effect for some  $R_2S_nO$  organo-tin exides is investigated. "In conclusion, the authors express their sincere gratitude to Ye. M. Panov, O. A. Ptitsy\*na, and N. I. Sheverdina for submitting preparations of tin-organic compounds." Orig. art. has: 2 figures, 5 formulas, and 1 table.

Card 1/2/

Inst of Chemical Phipies, academy of Ser.

. The production of the produc

ABLOV, A.V., akademik; BELOZERSKIY, G.N.; GOL'DANSKIY, V.I.; MAKAROV, Ye.F.; TRUKHTANOV, V.A.; KHRAPOV, V.V.

Mossbauer's spectra of complex compounds of iron with diacetylthiosemicarbazone oxime. Dokl. AN SSSR 151 no.6:1352-1355 Ag '63. (MIRA 16:10)

1. Institut khimicheskoy fiziki AN SSER i Institut khimii AN Moldavskoy SSR. 2. AN Moldavskoy SSR (for Ablov). 3. Chlenkorrespondent AN SSSR (for Gol'danskiy).

TRUKHTANOV, V.A

L 11:851-65 EWT(1)/EWT(m)/EEC(t)/EWP(t)/EWP(b) Peb IJP(c)/AEDC(a)/SSD/ AFWL/AS(mp)-2/ESD(gs)/ESD(t) JD S/0181/64/006/011/3435/3437 ACCESSION NR: AP4048424 S/0181/64/006/011/3435/3437

AUTHORS: Belov. V. F.; Devisheva, M. N.; Zheludev, I. S.; Makarov, Ye. F.; Stukan, R. A.; Trukhtanov, V. A.

TITLE: Mossbauer effect in manganese and manganese-magnesium fer E

SOURCE: Fizika tverdogo tela, v. 6, no. 11, 1964, 3435-3437

TOPIC TAGS: manganese alloy, magnesium ferrite, Mossbauer effect, saturation magnetization, internal magnetic field

ABSTRACT: The purpose of this study was to obtain information on the properties of the internal magnetic fields at the Fe<sup>57</sup> in the ferrites and to obtain other data on the Mossbauer effect in solid solutions of ferrites with spinel structure and with different Mn atom contents. The absorbers used were ferrites in powdered form, mixed with paraffin and pressed into tablets of 10 cm<sup>2</sup> area (surface

Card 1/2

L 11851-65 ACCESSION NR: AP4048424

density of iron 10 mg/cm<sup>2</sup>). The source was a stainless steel plate impregnated with Co<sup>57</sup> radioactive nuclei. The internal magnetic field was determined by measuring the distance between the components of the Zeeman splitting. The results showed that the density cleus and in the investigated compounds is practically the same. The local magnetic field on the Fe nuclei decreased with increasing saturation magnetization in some ferrites and increased in others, a tables.

ASSCCIATION: Institut khimicheskoy fiziki AN SSSR (Institute of Chemical Physics AN SSSR); Institut kristallografii AN SSSR, Moscow (Institute of Crystallography AN SSSR)

SUBMITTED: 09Jun64

SUB CODE: SS, MM

NR REF SOV: 003

ENCL: 00 OTHER: 005

Card 2/2

沙海滨3种岛种沿海湾沿海沿海沿海沿海

GCL'DANSKIY, V.I.; MAKAROV, Ye.F.; STUKAN, R.A.; TRUKHTANOV, V.A.; KHRAPOV, V.V.

Structure of organotin oxides R<sub>2</sub>SnO studies with the aid of Mossbauer effect. Dokl. AN SSSR 151 no.2:357-360 Jl '63. (MIRA 16:7)

1. Institut khimicheskoy fiziki AN SSSR. 2. Chlen-korrespondent AN SSSR (for Gol'danskiy).

(Tin organic compounds) IMossbauer effect)

BELOV, V.F.; DEVISHEVA, M.N.; ZHELUDEV, I.S.; MAKAROV, Ye.F.; STUKAN, R.A.; TRUKHTANOV, V.A.

mussibauer effect in Mn- and Mg--Mn-ferrites. Fiz. tver. tela 6 no.11:3435-3437 N '64. (MIRA 18:1)

l. Institut khimicheskoy fiziki AN SSSR, i Institut kristallografii AN SSSR, Moskva.

ORG: Institute of Chemical Physisiziki Akademii nauk SSSR)  TITIE: Investigation of internal by the nuclear gamma resonance med Source: Zhurnal eksperimental nog least of density, zim TOPIC TAGS: Mossbauer effect, fer paramagnetic material ABSTRACT: The authors obtained the and determined the values of the inzinc concentration varied from 0 telectrodynamic type, described in 1965). The ferrites were prepared obtained it is deduced that with inzinc for the iron ions, the ferrit a paramagnetic state. The line sp to the existence of two fields with field correspond to tetrebedged.	SOURCE CODE: UR/0058/65/049/006/1681/1688  V, V. F.; Devisheva, M. N.; Trukhtanov, V. A. 69  cs, Academy of Sciences SSSR (Institut khimicheskoy/)  magnetic fields on Fe <sup>57</sup> muclei in Ni-Zn ferrites  chod /9
Card 1/2	ron density in the region increase simultaneously.

# At 78K the character of the Mossbauer spectra is similar to that at room temperature, except that the lines converge at larger zinc contents, the internal magnetic field on the nuclei are larger, and the difference in the values of the internal field due to the different positions of the iron ions is also larger. With increasing zinc content, the field on the iron nuclei in both the tetrahedral and in the octahedral sublattice decreases, in contradiction to the data obtained by Abe, Matsuura, et al. (J. Phys. Soc. Japan v. 18, 1400, 1965). Orig. art. has: 5 figures and 2 formulas. SUB CODE: 20/ SUBM DATE: 25May65/ ORIG REF: 002/ OTH REF: 015

### "APPROVED FOR RELEASE: 03/14/2001

### CIA-RDP86-00513R001756820006-6

30227-00 Lori ting pair the plant ACC NR: AP6024517 SOURCE CODE: UR/0386/66/004/002/0063/0064 AUTHOR: Gol danskiy, V. I.; Devisheva, H. H.; Makarov, Ye. F.; Novikov, G. Y Trukhtanov, V. A. ORG: Institute of Chemical Physics, Academy of Sciences SSSR (Institut khimicheskoy fiziki Akademil nauk SSSR) TITIE: Sign of the magnetic field at tin nuclei in a ferrodielectric matrix SOURCE: Zh eksper i teor fiz. Pis'ma v redaktsiyu. Prilozheniye, v. 4, no. 2, 1966, 63-64 TOPIC TAGS: tin, ferrite, Mossbauer spectrum, spectral distribution, magnetic moment, line splitting ABSTRACT: The purpose of the investigation was to determine the sign of the indirectly induced (super-exchange) field at the nuclei of nonmagnetic tin atoms introduced into an yttrium-iron-garnet matrix, previously observed by the authors (Pis'ma ZhETF v. 1, no. 1, 1965; Phys. Lett. v. 15, no. 4, 1965). To this end the authors investigated the Mossbauer spectra of the same garnet sample placed in an external magnetic field. The change in the intesity ratios of the various spectral components, due to application of the magnetic field, is attributed to the change in the character of the angular distribution of the components of the transitions  $\pm 1/2$  (4/2)  $+\pm 1/2$  (1/2). The distinctly observed increase in the splitting of the Mossbauer spectrum components indicates that the internal magnetic field at the tin nuclei co-Card 1/2

L 30229-66

ACC NR: AP6024517

incides in direction with the applied electric field, with the magnetic moment of the tetrahedral sublattice parallel and that of the octahedral sublattice antiparallel to the applied field. Since the internal magnetic field at the iron nucleus is always negative relative to the magnetic moment of its ion, it is concluded that the fields of the nuclei, both tin and iron, situated in the same (octahedral) sublattice of the yttrium iron garnet have the same sign. Several explanations of this fact will be discussed in a future article. The authors thank Yu. S. Sherbinin for making possible the operation of the apparatus and Yu. P. Baydorovtsev for supplying the magnet. Orig. art. has: 1 figure.

SUB CODE: 20/ SUBM DATE: 20May66/ ORIG REF: 002/ OTH REF: 002

Card 2/2 ///-

RIEDL, O.; HRUSKOVA, J.; STUCHLIKOVA, E.; KOMARKOVA, A.; NOVOTNAR, BLAZKOVA, B.; TENOROVA, M.; RENNER, J.; SPALA, M.; TVAROH, F.; Technical Assistance: ATANASOVOVA, J.; TRUKOVA, R.

Treatment of obesity with caprolactam. Rev. Czech. med. 9 no.3:167-182 '63.

1. Fourth Medical Clinic, Faculty of General Medicine, Charles University, Prague. Director: Prof. M. Fucik, M.D. Central Laboratory, Faculty Hospital, Prague. Director: Dr. J. Hrabane Institute for General and Experimental Pathology, Faculty of General Medicine. Director: Prof. J. Hepner, M.D. Endecrinological Department, University Health Centre, Regional Institute of National Health, Central Bohemian Region. Director: Doc. F. Tvaroh, M.D.

(OBESITY) (AMINOCAPROIC ACID) (PYRUVATES) (CITRATES) (LACTATES)

CIA-RDP86-00513R001756820006-6

BANACH, J., inz.; LUPINEK, M., inz. dr.; PETRAS, I., inz.; TRUKSA, V.

A magnetron amplifier for the 3 cm band (A 48). Shor vak elektrotech 4:5-15 '64.

1. Tesla, Pardubice (for Banach). 2. Research Institute of Vacuum Electrical Engineering, Prague (for all except Banach).

### "APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820006-6

AUTHOR:

Truksa Vaclav

3/275/63/000/003/003/021 A052/A126

TITLE:

A method of cathode assembly

PERIODICAL: Referativnyy zhurnal, Elektronika i yeye primeneniye, no. 3, 1963, 16, abstract 3A81P. (Czech. pat., cl. 21g, 13/16,

no. 102159. December 15. 1961)

A new method of assembly is proposed for 2-electrode oscillator: electron tubes with crossed electric and permanent magnetic fields, in particular for magnetrons. Essentially the method consists of the following: The heater filaments are placed in a small-diameter molybdenum tube which is inserted into a hole reserved for it in one of the pole shoes of a permanent magnet. The cathode proper (i.e. the cathode body with the oxide layer as well as the disks fixed on the cathode ends and covering the interaction space from above and below) is put on the free end of the tube protruding from the pole shoe. The second end of the tube is welded to the cathode holder protruding over the external surface of the pole shoe. On the cathode thus assembled the anode unit and then the second pole shoe are

Card 1/2

A method of cathode assembly

\$/275/63/000/003/005/021 A052/A126

put. The proposed method of assembly provides for the use of a built-up permanent magnet. Owing to the fact that the diameter of the hole in the pole shoes is small (must let pass only a thin molybdenum tube with a heater) a high stability of the magnetic field over the whole cathode length and over the whole section of the interaction space (the magnitude of distortions \$\leq 1\%) is secured, which in turn eliminates tube-power fluctuations, reduces anode current, voltage, sparkings and overload of the cathode, and leads to a considerable prolongation of the service life of the tube.

B. Ya.

[ Abstracter's note: Complete translation. ]

Card 2/2

MEZRICKY, V., MVDr., KACIN, J., MVDr; TRUKOVVA, B., from. lekarka; KAMINEK, J., MUDr.

到的各种是一种基础,我们们会会会的不够完全的人的人的一种,在这个人的人的人的人的人的人的人的人的人的人的人的人,但是这个人的人的人的人的人的人的人的人的人的人的

Experiences with cooperation of the physician with the veterinarian in the Kolin district. Cesk. zdrav. 13 no.1:31-34 Ja \*65

1. Okresni veterinami zarizeni, Kolin (vedenci V. Palounek, prom. vet. lekar); Okresni hygieneko-epidemiologicka stunice Obvodniho ustavu narodniho zdravi, Kolin (vedenci J. Lech, prom. lekar) a Okresni ustredi zdravotnicke osvety Otvodniho ustavu narodniho zdravi, Kolin (vedenci MUDr. J. Kaminek).

# TRULEV, Yu.I.

Recording of an achromatic band of an interference image in white light. Trudy Inst.Kom.stand., mer i izm.prib. no.56:11-14 (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. D.I. Mendeleyeva. (Interference (Light))

Comparative characteristics of changes in the vegetative cover and population dynamics of the basic species of dry steppe pastures in the Issyk-Kul¹ and Naryn Troughs. Blul.MDIP.Otd. biol. 67 no.4:48-61 Jl-Ag '62. (MIRA 15:10) (TIEN SHAN—PASTURES AND MEADOWS)

# TRULEVICH, N.V.

拉耳透露翻图 特别 法自己的人员 自己的人人

Morphologic characteristics of undershrubs with regard to their introduction. Biul. Glav. bot. sada no.46:23-30 '62. (MIRA 16:5)

1. Glavnyy botanicheskiy sad AN SSSR.

(Soviet Central Asia - Wormwood) (Plant introduction)

TRUMBACHEV, V.F., kand.tekhn.nauk; MEL'NIKOV, Ye.M., inzh.

Research with models on the distribution of stresses in a block of untouched ore containing weak interbeds under approximately the same conditions as at the Yakovlevo deposit (Kursk Magnetic Anomaly). Trudy Inst. gor. dela 5:50-56 '60. (MIMA 14:5)

(Kursk magnetic anomaly—Rock pressure)

(Geological models)

MUKHINA, K.M.; TRUKHTANOVA, V.I.; ZAKHAROV, V.I., red.; BAULIN, V.A., red.; SUDAK, D.N., tekhn.red.; BABICHEVA, V.V., tekhn.red.

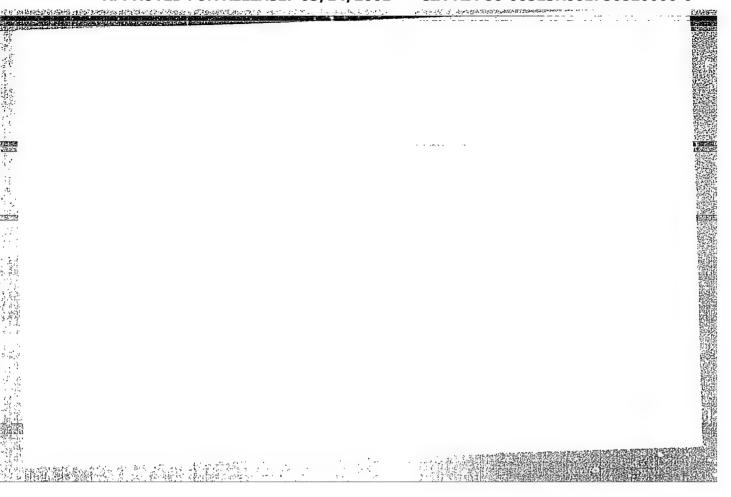
[Manual for supervisors of public food service establishments]

Spravochnik rukovoditelia predpriiatiia obshchestvennogo pitaniia. Sostaviteli: K.M.Mukhina, V.I.Trukhtanova. Pod red. V.I.
Zakharova. Moskva, Gos.izd-vo torg.lit-ry, 1960. 647 p.

(MIRA 13:5)

1. Russia (1917- R.S.F.S.R.) Ministerstvo torgovli. (Restaurants, lunchrooms, etc.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"



TO THE THE PERSONNELS AND THE PROPERTY OF THE PERSON OF TH

SOV/137-57-1-1010

Translation from: Referativnyy zhurnal. Metallurgiya, 1957, Nr 1, p 130 (USSR)

AUTHORS: Katok, I. V., Trukhmanova, V. M.

TITLE: Bright Hardening of Components of the S-80 Tractor in Alkalies

(Svetlaya zakalka detaley traktora S-80 v shchelochakh)

PERIODICAL: Tekhnol. transp. mashinostroyeniya, 1956, Nr 5, pp 15-22

ABSTRACT: The design of furnaces and accessories and the arrangement of

equipment for the bright hardening and bright nitriding sections of an automated production line are presented. The technological process of bright isothermal and bright hot hardening in alkalies followed by tempering in the same medium is examined in detail for various components, and values of hardness achieved by the heat-treatment procedures described are given. See also RZhMet,

1956, Nr 10, abstract 10772.

A.B.

Card 1/1

	AVAILABLE: Library of Congress (GD456.B47)	Burtsevs. L.M., M.A. Livovs, and N.N. Turruk. Methods of Pre- paring Standard 5-Daitters	for Rail	Tithomirova, Te.A., and L.M. Durchatova. Radiometric Analysis 278 of Certain Radiometric Freparations	Tagen. M.Th., Ye.S. Tructmanors, and K.W. Shiyasin. Rethod of Determining the Advivity of Volevila Liquids Tassed with Cla 268 with an End-Window Counter	Bathengr. Y.A., and V.V. Bochkarev. Absolute Measurement of the Activity of Certain 6-Active Cases and Liquids	Liggs, M.A., and V.V. Bochkarev. Measuresent of the Activity of Isotopes From Their p-Radiation with the Aid of an End-Ain- 239 dow founter	System of Measuring trees	PoorkareyV_VRadiometric Characteristics of Preparations 227	FRANKTII. MEASUREMENT OF RADIOACTIVE PREPARATIONS  PART II. MEASUREMENT OF RADIOACTIVE PREPARATIONS	Extendible Cin Age	ing a number of tagged organic compounts process at a of tagged organic compounts; the absolute and relative restresses and a of tagged organic compounts; the absolute and relative restresses.  Her instructions converted the restresses of the restresses of the restresses of the restresses of technique are included. Y.I. Levin contains an of the restresses, Y.F. Shishov, Candidate of Technique and Chestell Sciences, V.F. Shishov, Candidate of Technidal Sciences, I.M. Bucharov, Candidate of Biological Sciences, and and Y.T. Shostak, Candidate of Chemical Sciences, are mentioned as having helped directly in the selection and preparation of the material for publication. References accompany each article.	COVERAGE: The collection contains original studies. According to obtaining and measuring radiabelies perparations. According to obtaining and are of theoretical the forescription articles contain new data, and are of theoretical the forescription articles articles articles articles articles in addition to several survey articles the process information. In addition to several survey articles the collection contains discussions on the production of radionative linear of the contains at sources and several colloidal and other animher of tarrier-free isotops and several colloidal and other therapeutic preparations. Also discussed are methods for preparations.	70	_ 19		PRASE I BOOK EXPLOITATION SOT, 4503	
--	--	---	----------	---	---	--	---	---------------------------	---	---	--------------------	---	--	----	------	--	-------------------------------------	--

GOL'DANSKIY, V.I.; TRUKHTAHOV, V.A.; DEVISHEVA, M.N.; BELOV, V.F.

Superexchange induction of magnetic fields on normagnetic atomic nuclei. Pis'. v red. Zhur. eksper. i teor. fiz. l no.1:31-36 Ap (MIRA 18:9)

1. Institut khimicheskoy fiziki AN SSSR.

其**等。这种情况** 

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"

SOV /62-59-5-38 /40 5(3)

Ivanov, V. I., Zakharov, B. A., Trukhtenkova, N. Ye., AUTHORS:

Krylova, G. A.

Letters to the Editor (Pis'ma redaktoru) TITLE:

Izvestiya Akademii nauk SSSR. Otdeleniye khimicheskikh nauk, PERIODICAL:

1959, Nr 5, p 949 (USSR)

In earlier papers (Refs 1-3) the authors had shown that the ABSTRACT: strength of a hydrated cellulose fiber may be determined mainly

from the homogeneity of the molecular weight of the cellulose. Accordingly, the molecular homogeneity of bleached sulfite paper with known strength characteristics was investigated after a single deformation (double folding). Papers of the type A, and papers made by the firms Aane and Serlakius were investigated. The mass distribution function in dependence on the degree of polymerization is represented by a figure for the various types of paper. Investigations showed that, in order to attain a high degree of strength, a very homogeneous

cellulose in the range of polymerization above 2000 is necessary. This may be attained by using a cellulose for paper production,

Card 1/2

Letters to the Editor

SOV/62-59-5-38/40

which was obtained by means of the chloride of potash method, or by homogenizing the cellulose by means of nitrohydrochloric acid. There are 1 figure and 3 Soviet references.

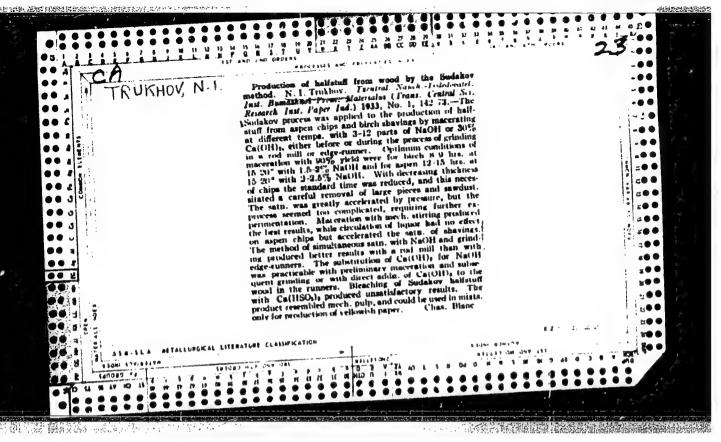
ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo Akademii

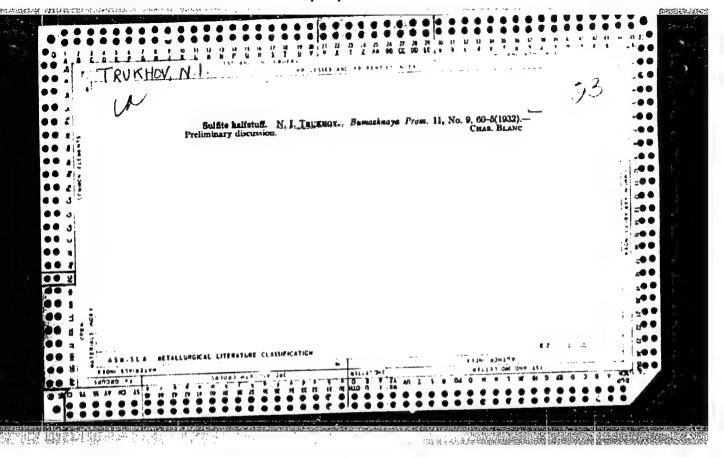
nauk SSSR (Institute of Organic Chemistry imeni N. D. Zelinskiy

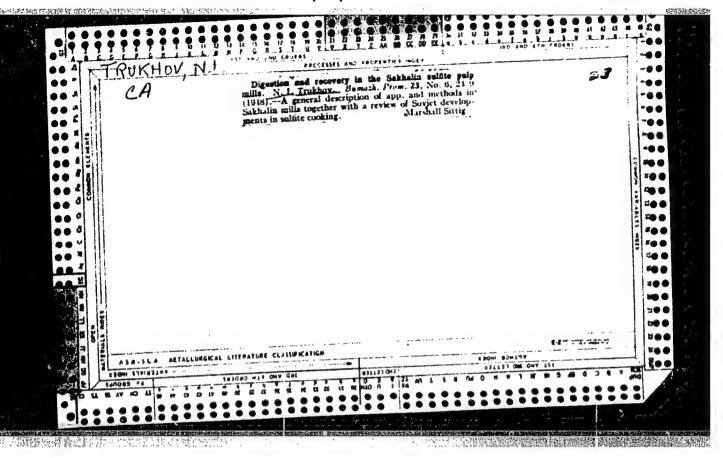
of the Academy of Sciences, USSR)

SUBMITTED: February 2, 1959

Card 2/2







TRUKHOV. V. P.

"The Problem of the Effect of the hervous System on the Healing of Fractured Bones." Cand red Sci, Rostov-on-Don State Medical Inst, mostov-on-Don, 1955. (KL, No 15, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"

```
CHIRVINA, Ye.D., kand.med.nauk (Rostov-na-Donu, Bratskiy par., d.47, kv.2)

TRUEROV, V.P., kand.med.nauk.

Changes in the circulating blood level and its fractions in burn dinease [with summary in English]. Vest.khir. 80 no.6:69-73 Je '58

(MIRA 11;7)

1. Iz propedevticheskoy khirurgicheskoy kliniki (zav. prof. G.S. Ivakhnanko [decensed]) Rostovskogo-na-Donu meditsinskogo instituta.

(BLOOD VOLUME, determ.

in exper. burns in animals with radiphosphorus (Rus))

(BURNS, exper.

eff. on circulating blood volume in animals, radiophosphorus (Rus))

(PHOSPHORUS, radioactive determ. of circulating blood volume in exper. burns in animals (Rus))
```

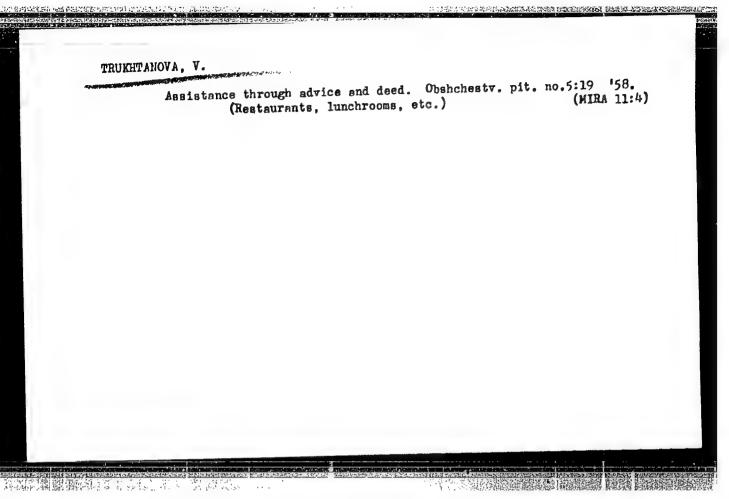
 ACCESSION NR: AP5000 AUTHOR Belov, V.F., Sokoli skay, T.A.; Siu sember An BESR) TITLE: The study of fer SOURCE: AN SSSR. Do CONTROL TAGS: ferrocene crosslinking, gamma about the such polymers was streaming absorption of Cobalt-57 served as the insoluble polyferrocene naphthale.e. alpha-broand phthalaidetyde. All and its derivatives, wit temperature, the Mossi	vishnyakova, T.P. kan, R.A.; Trukhta rocene dopolymers oklady, v. 159, no. coppolymers, ferro- sorption spectrum onic structure of ircuded from Moessba fray quanta on the source, and the pol- so, polyvinylferrocen nonephtlalene polymers ga	Makarov, Ye. F.; 10V. Y.A.; Col. dans! by means of the Moes 1, 1964, 831-834 organic polymer, Mo m in ferrocene polym uer spectra, measur; colative velocities of ymers used as shoorles, and copolymers of hlorobenzene, alicy ver spectra at 80K sir	essbauer effect, po ers and the crossling the dependence source and absorbe ers included solubif ferrocene with ac laidehyde, benzalde and effects. At re-	lymer  nking of the r. le and etone, 7 hyde, 7	
Card 1/3		** * * * * * * * * * * * * * * * * * * *			

L 23290-65 ACCESSION NR:	AP5000915
VCCF22ION TANK	2020-

indicating the high movability of ferrocenyl radicals in the polymeric structure. Insoluble noncating the night movements of refrocens; radicals in the polymeric structure. Insolution polymers showed a marked decrease in quadrupole scattering as compared with ferrocene polymers showed a marked decrease in quadrupole scattering as compared with ferrocene derivatives or soluble polymers. The spectra showed characteristics observed for ferricene salts and the formation of ferricene cations by electron detachment from iron. Moessbauer effects at room temperature were significantly higher than the effects measured for the soluble polymers. The difference is ascribed to the crosslinked structure and rigidity of molecules in the insoluble polymers. The presence of two doublets in the 80K spectra of insoluble polymers corresponds to the electronic structures of iron in conjugated three-dimensional links and in ordinary ferrocenyl links of the linear polymer fraction. Thus, the Moessbauer spectra can be evaluated to estimate the degree of crossconjugated three-dimensional links and in ordinary ierrocenyl links of the linear polymer fraction. Thus, the Moessbauer spectra can be evaluated to estimate the degree of cross-linking in polymers of ferrocene. By accounting for the concentration of iron in the polymers and for the dimensions of absorbers, the measured values can be reduced to the absolute probability of Moessbauer effects in ferrocene polymers, Ti. The degree of crosslinking is defined by the relation

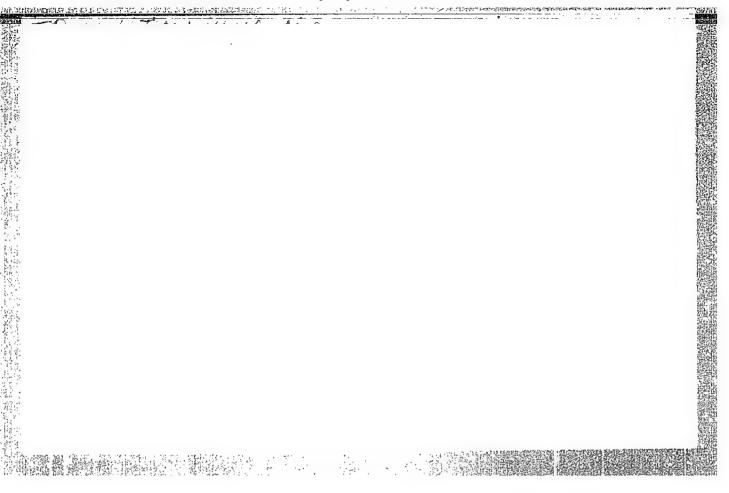
$$\xi = \frac{T_{a_1}}{T_{a_1} + T_{a_2}} \cdot 100\%$$

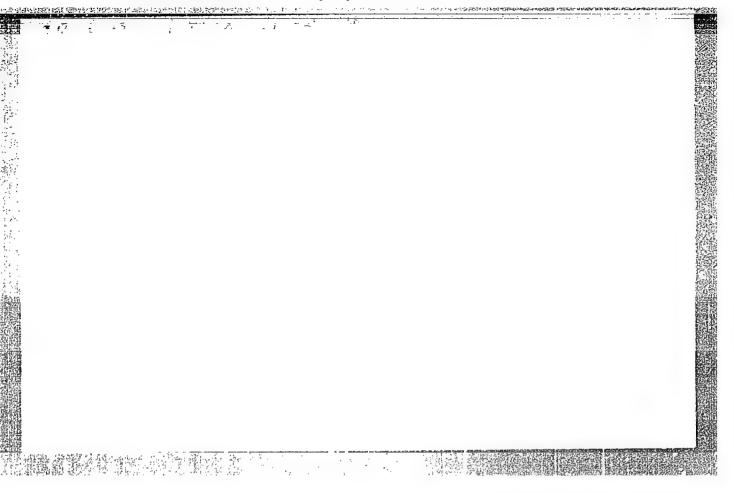
•	1					•	
	•				2		
	L 23290-65 ACCESSION NR: AP500	00915		one Orle	art. has:	: •	
		ar and az to crosslinked it	actions of the po	lymer. Oxide			
	1 table, 1 figure and 2	ar and a <sub>2</sub> to crosslinked fr formulas.	amii nauk 585R (	Chemical phys	ics insti-		
•	ASSOCIATION: Institu	formulas.  t khimicheskoy fiziki Akad nces, 858R); Moskovskiy in Jubkina (Moscow Institute o	stitut nestekhimi	cheskoy i gazo loal and gas In	duatry	£ .	
-	shiennosti imeni I.M.C	Jubkina (Moscow Institute		BUB CODE: 0	d ·		
	SUBMITTED: 22Jul64	ENCD: 40	11.1				
	NO REF SOV: 008	OTHER: 00	)1				
	,		•				
		•					
	•		•		:	•	
	Card 3/3						
	- 144 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	STATE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS N					
			•				
		•					



TROFIMOVA, V.I.; SHAPIRO, M.S.; NARKEVICH, O.Ye.; TRUKHTANOVA, V.I.; VAGANOVA, N.A., red.; EL'KINA, E.M., tekhn. red.

[Organizing an unexpensive and fully adequate diet in restaurants] Kak organizovat' nedorogoe i polnotsennoe pitanie v stolovykh. Moskva, Gostorgizdat, 1961. 65 p. (MIRA 15:9) (Memus)





rate statistical production of the research designation of the second se

Trukhtenkova, N. i.

Alternal stability of cellulose and paper. N. VE. Dote of the control of th

TRUKHTENKOVA, N.Ye.; KOPETSKAYA, D.L.; FIRSANOVA, N.Ye.

Bleached aspen sulfite woodpulp in papermaking. Bum.prom. 37
no.12:11-16 D '62. (MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsellyulozno-bumazhnoy promyshlennosti.
(Woodpulp industry--Research)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"

SOLECHNIK, M.Ya.; TRUKHTENKOVA, M.Ya.

Heat resistance of cellulose and paper. Zhur.prikl.khim. 29 no.3:

416-424 Mr 156.

(Cellulose) (Paper--Testing)

KHVOSTOVA, V.V., DELONE, N.L., SOROKINA, O.N., TRUKOV, V.L., TSELISHCHEV, S.P., CHAYKINA, K.V.

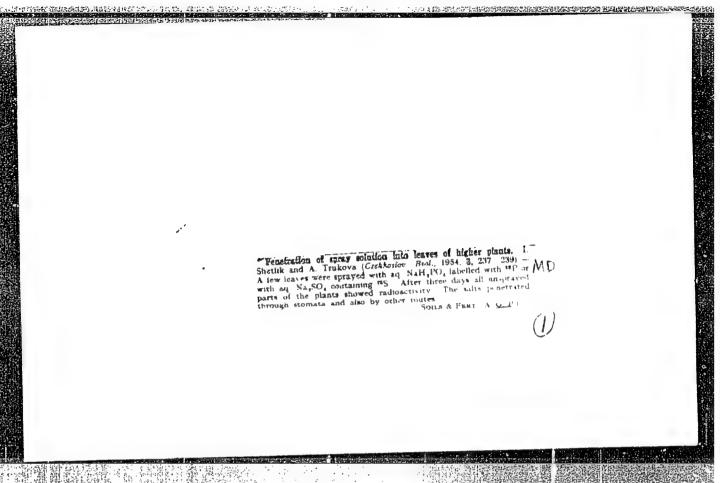
Development of soft wheat seedlings obtained from seeds irradiated with thermal neutrons [with summary in English]. Biofizika 3 (NIRA 11:8)

1. Institut biologicheskoy fiziki AN SSSR, Moskva i Laboratoriya biofiziki Moskovskogo ordena Lenina sel'skokhozyaystvennoy akademii im. K.A. Timiryazeva, Moskva.

(PLANTS, EFFECT OF RADIATION ON)

(WHEAT)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"



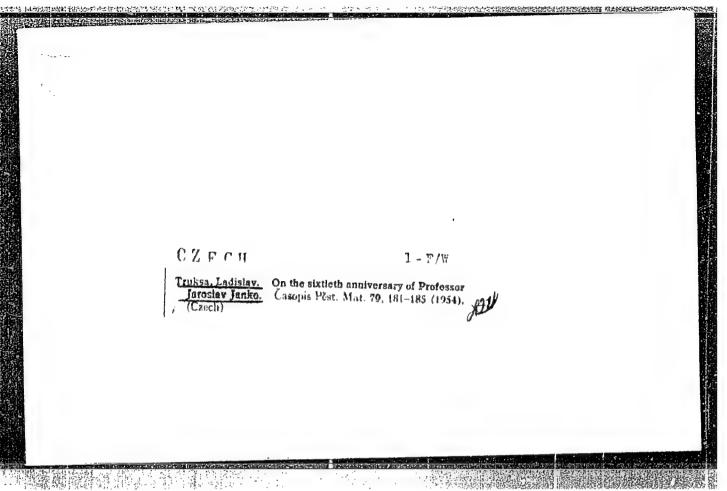
RIEDL, O.; HRUSKOVA, J.; STUCHLIKOVA, E.; SPALA, M.; TVAROH, F.; ATANASOVOVA, J.; TRUKOVA, R.

Clinical experiences in the treatment of obesity with caprolactam. Sborn. lek. 65 no.5:133-141 My 163.

l. IV interni klinika fakulty vseobecneho lekarstvi University
Karlovy v Praze, prednosta prof. dr. M. Fucik Ustav pro
vseobecnou a pokusnou patologii fakulty vseobecneho lekarstvi
University Karlovy v Praze, prednosta prof. dr. J. Hepner
University Karlovy v Praze, prednosta prof. dr. J. Hepner
Endokrinologicke oddeleni fakultni polikliniky KUNZ Stredoceskeho kraje, vedouci doc. dr. F. Tvaroh.

(OBESITY) (APPETITE DEPRESSANTS)

Caputilish for I wak at fifty. [].  Caputilish to a land and after well to, no. 2, bay lynce  Car no Towakia	
Sw mo Tovakia	
so. Lad. 1	
SC. Last. 1 to the state of the	



KORONKEVICH, V.P.; TRULEV, Yu.I.

Photoelectric device for length measurements by counting interference bands. Trudy inst.Kom.stand.,mer i izm.prib no.47:155-158 '61. (MIRA 15:12)

1. Novosibirskiy gosudarstvennyy institut mer i izmeritel nykh priborov i Vsesoyuznyy nauchno-issledovatel skiy institut metrologii im. D.I.Mendeleyeva.

(Photoelectric measurements) (Interferometry)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"

BRODSKIY, A. D.; TRULEVA, I. B.

Reproducing the boiling point of oxygen. Trudy inst. Kom. stand., mer i izm. prib. no.51:41-43 '61. (MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel skiy institut metrologii im. D. I. Mendeleyeva.

(Oxygen) (Boiling points)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"

40393

S/081/62/000/013/018/054 B158/B144

24.5560

AUTHORS: Brodskiy, A. D., Truleva, I. B.

TITLE: The r

The reproducibility of the boiling point of oxygen

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 13, 1962, 357, abstract. 13I141 (Tr. in-tov Kom-ta standartov, mer i izmerit. priborov pri Sov. Min. SSSR, no. 51 (III), 1961, 41-43)

TEXT: It has been established at VNIIM, after working on data on the reproduction of an international temperature scale at the boiling point of  $0_2$  using standard platinum resistance thermometers (TS), that the mean quadratic error of the latter is  $4\cdot 10^{-3}$  °C. These results are obtained by stabilizing the temperature field in an  $0_2$  bath and using a special apparatus to obtain chemically pure  $0_2$ . It is established that platinum TS are stable within the limits of reproducibility of the boiling point of  $0_2$ , for which reason it is necessary to graduate the sample TS carefully by comparing with one of the standard TS graduated Card 1/2

The reproducibility of the boiling ... B158/B144 previously at the boiling point of  $O_2$  with the aid of a condensation thermometer. [Abstracter's note: Complete translation.]

Card 2/2

TRULEVICH, N.L.

Cultivating Ukrainian Steppe soil for winter wheat following a row crop. Zemledelie ? no.7:27-30 Jl 159. (MIRA 12:9)

1. Vaesoyuznyy nauchno-issledovatel'skiy institut kukuruzy. (Ukraine-Wheat)

GODULYAN, I.S., kand. sel'skokhozyaystvennykh nauk; THILEVICH, N.L.

Seedbed preparation for winter wheat after preceding stubble crops.

(MIRA 11:6)

Zemeledelie 6 no.6:37-140 Je '58.

1. Vsesoyuznyy nauchno-issledovatel skiy institut kukuruzy.

(Tillage) (Wheat)

OF THE SECTION OF SEASONS SEEDING SEEDING SECTIONS OF SECTION SECTIONS OF SECTION SECTIONS OF SECTION SECTION

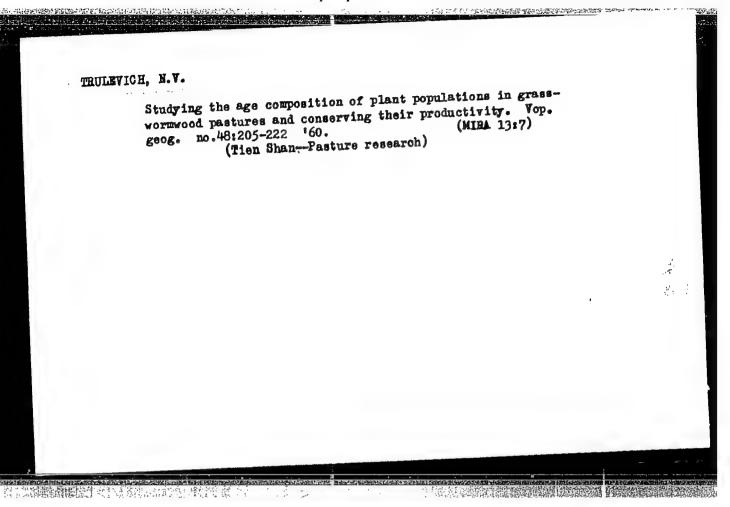
#### TRULEVICH, N. V.

Restoration processes following changes brought by grazing in Caragana grass-wormwood steppe of the Issyk-Kuli depression.

Izv. AN Kir. SSR. Ser. est. i tekh. nauk 1 no.2:79-93 59.

(MIRA 13:9)

(Issyk-Kul! Province--Pastures and meadows)



ANTERSONAL PROPERTY AND ANTERSONAL PROPERTY OF THE PROPERTY OF

BARYSHEVA, M.D.; TRULEVICH, Y.K.; TUL'ZHENKOVA, F.F.; TSVETAYEVA, Ye.M.; POSTRELOVA, T.A., red.

[Vegetable and potato growing in the Far North; bibliographic index for 1932-1957] Ovoshchevodstvo i kartofelevodstvo na Krainem Severe; bibliograficheskii ukazatel 1932-1957 gg. Leningrad, 1959. 51 p. (MIRA 13:11)

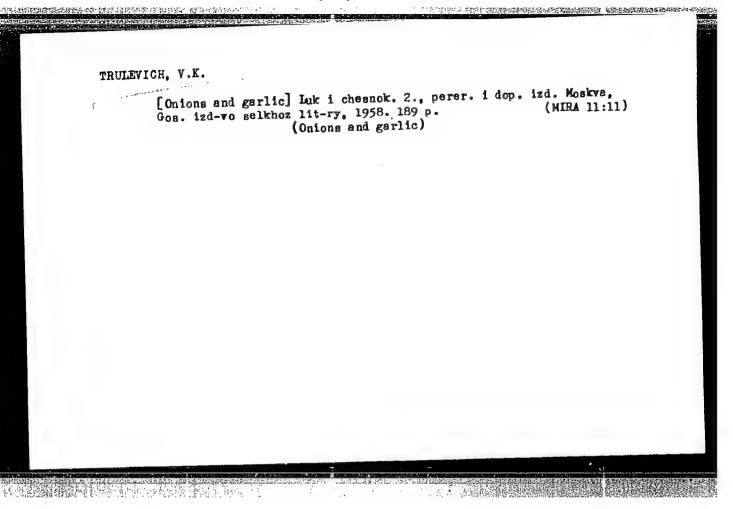
1. Moscow. TSentral'naya nauchnaya seliskokhozyayatvennaya biblioteka.

(Russia, Northern--Vegetable gardening) (Russia, Northern--Potatoes)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"

## "APPROVED FOR RELEASE: 03/14/2001 CIA-R

CIA-RDP86-00513R001756820006-6



TRULEVICH, V.K.

USSR / Cultivated Plants. Potatoes. Vegetables. Melons. И

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 34701

Authors

Inst

: Trulevich, V.K.; Tul'zhenkova, F. F.
: Not given
: Vegetable Cultivation of the Extreme North. Title

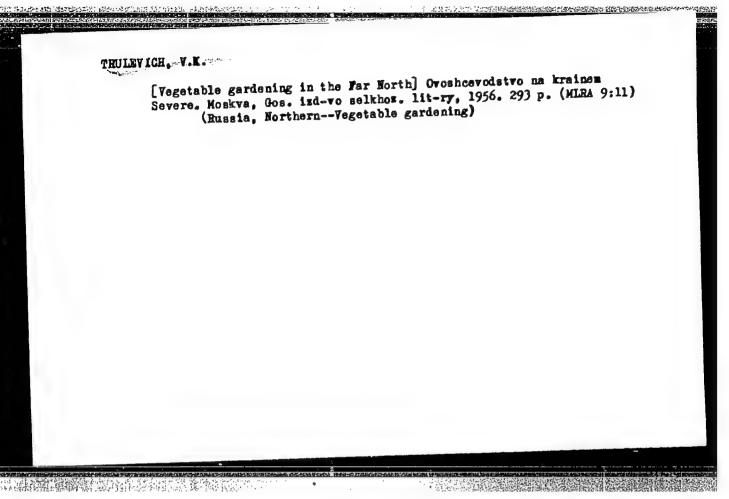
: Sad 1 ogorod, 1957, No 10, 63-67 Orig Pub

: No abstract given. Abstract

Card 1/1

66

Repchatyi luk Onion Moskva, Gos. izd-vo selkhor lit-ry, 1954. 70 p.  1. Onions.	
1. Onions.	



TRULEVICH, VLADIMIR KONSTANTINOVICH

9N/5 723 .18

OVOSHCHEVODSTVO NA KRAYNEM SEVERE (VEGETABLE GARDENING IN THE FAR NORTH, BY) V. K. TRULEVICH, F. F. TEL'ZHERKOVA, (1) S. I. DOL'SHAKOV. MOSKVA, SEL'ZHCZGIZ, 1956.

293 P. ILIUS., DIAGRS., TABLES.

THULEVICH.V.K., kandidat sel'skokhozyaystvennykh nauk

Advancement of agriculture into the Far North. Priroda 44 nc.10:
99-102 0'55.

1. Institut polyarnogo zemledeliya, zhivotnovodstva i promyslovogo khozyaystva, Leningrad
(Russia, Northern-Agriculture) (Plants-Hardiness)

SVIRIDA, V.G., rukovoditel\* ratety; KLYACEKINA, Ye.L.; TRULL\*, L.A.

Application of ion exchange process for molasses purification in the production of lactic acid. Trudy BNIIPPT no.4:67-76 (61.)

(MIRA 17:10)

TRULL', C. A.

USSR/Forestry - Ferest imagement.

K-3

: Ref Zhur - Diol., No 20, 1958, 91523 Abs Jour

: Zakharov, V.K., Trull', O.A. Author

: Belorussian Forest Technology Institute. Inst

: The Rate of Growth in Hixed Spruce-Dirch Plantations of Title

the Belorussian SSR.

: Sb. nauchn. rabot. Belorussk. lesotekim. in-t, 1953, vyp. Orig Pub

9, 97-104.

Abstract : No abstract.

Card 1/1

USSR / Forestry. Forest Management.

K

Abs Jour

: Hef Zhur - Biologiya, No 18, 1958, No. 82203

Author

: Trull', O. A. .....

Inst

: Pelorussian Forest Technology Inst.

Titlo

i Application of the Clinometer as a Height Gauge

Orig Pub

: Sb. nauch. tr: Belorussk: lesotekhn. in-t, 1957, vyp 10,

167-173

Abstract

: Throo of the most efficient methods, which give maximum accurate results, are discussed for the determination of the height of trees by means of clinometer: 1) determination of the height with the trees and observation point on the same level, 2) with the trees higher than the level of the observer's eyes, and 3) with the base of the tree below the observer's level. A supplementary

table is given.

Card 1/1

· COLOR STATES STATES AND STATES

ZAKHAROV, Vasiliy Kirillovich, prof.; TRULL', Oleg Antonovich; MIROSHNIKOV, Vladimir Semenovich; YERMAKOV, Viktor Yevseyevich; CHERNYAK, I., red.; NOVIKOVA, V., tekhn. red.

[Forest valuation handbook] Lesotaksatsionnyi spravochnik. Pod obshchei red. V.K.Zakharova. Izd.2., ispr.i dop. Minsk, Gos. izd-vo ESSR. Red. nauchno-tekhn.lit-ry, 1962. 367 p. (MIRA 15:6)

(Forests and forestry-Valuation)

ZAKHAROV, V.K., prof.; TRUIL', O.A., kand.sel'skokhoz.neuk; MIROSHNIKOV,
V.S., kand.sel'skokhoz.neuk; YERMAKOV, V.Te., kand.sel'skokhoz.
neuk; CHERNYAK, I., red.; STEPAHOVA, B., tekhm.red.

[Timber valuation manual] Lesotaksatsionnyl spravochnik. Pod
obshchei red. V.K.Zakharova. Minsk, Gos.izd-vo BSSR, 1959.

(MIRA 13:4)

(Forests and forestry-Valuation)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"

REPRESENTATION OF PROPERTY OF THE PROPERTY OF

THULL', O.A., kand. sel'skokhozyaystvennykh nauk

Utilizing clinometers for measuring the height of trees.

Shor.nauch.trud.BLFI no.10:167-173 '57. (MIRA 11:12)

(Clinometer) (Forests and forestry-Mensuration)

"Mixed Spruce and Birch Plantings and the Dynamics of Their Growth and Development." Cand Agr Sci, Voronezh Forestry Inst, Min Higher Education USSR, Voronezh, 1955. (XL,

No 14, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

TAIL TO THE PERSONAL PROPERTY OF THE PROPERTY

SOV/124-57-9-11003

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 9, p 160 (USSR)

AUTHOR: Trull', V. A.

TITLE:

On the Distribution of Supports in the Supporting Rings of Dome

Coverings (O raspolozhenii opor v opornykh koli tsakh kupolinykh po-

krytiy)

PERIODICAL: Nauch. tr. Leningr. inzh.-stroit. in-ta, 1956, Nr 23, pp 228-248

ABSTRACT: Bibliographic entry

Card 1/1

nede weather and the

IVANOV, V.F., doktor tekhn. nauk, prof. [decessed]; ONUFRIYEV, N.M., doktor tekhn. nauk, prof.; ROT, A.V., kand. arkh. dots.; GRIGOR'YEVA, A.M., arkh.; ZAKHAR'YEVSKAYA, M.A., kand. tekhn. nauk; ZEL'TEN, L.V., kand. arkh.; KRAPSKOY, V.A., arkh.; KUNTSMAN, M.S., kand. arkh. dots.; LOKHANOV, G.I., arkh.; NIKOLAYEV, A.I., doktor tekhn. nauk, prof.; OSIFOV, Ye.A., kand. tekhn. nauk, dots.; SAKHNOVSKIY, K.V., doktor tekhn. nauk prof.; TRULL', V.A., kand. tekhn. nauk, dots.; KARRQ V.M., inzh., nauchn. red.; MARGOLIN, A.G., inzh., nauchn. red. [Elements of buildings and structures] Konstruktsii zdanii i sooruzhenii. Leningrad, Stroiizdat, 1965. 487 p. (MIRA 18:12)

soy/112-58-1-343

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1958, Nr 1, p 52 (USSR)

AUTHOR: Trull', V. A.

TITLE: Tests of an Experimental Upright-and-Guy Support for 400 kv Electric Transmission Line (Issledovaniye raboty opytnoy trosostoyechnoy opory dlya linii elektroperedachi moshchnost'yu 400 kv)

PERIODICAL: V sb.: 15-ya nauch. konferentsiya Leningr. inzh.-stroit. in-ta, Leningrad, 1957, pp 46-48

ABSTRACT: Studies of a new type of support, the so-called upright-and-guy support, were conducted. The support is about 30 m high and comprises 2 swivelsupported uprights, a swivel-supported crossarm, and 4 cable guys. The uprights rest on assembled reinforced-concrete foundations by means of swivels. Rigid parts are welded; erection joints are bolted. A full-size support was tested under both normal and emergency conditions. The tests revealed the following: a relatively large shift of the crossarm, unacceptable for actual working conditions; a 0.5-1 cm sag in the assembled foundations; displacement

Card 1/2

SOV/112-58-1-343

1275-在1770年是中国的国际企业的国际的国际企业中国的国际企业的企业中的企业的企

Tests of an Experimental Upright-and-Guy Support for 400 kv Electric . . . of the cable-guy anchor foundations by 1-3 cm; insignificant deviations from design figures in stresses in various members, etc.

F.F.V.

AVAILABLE: Library of Congress

1. Transmission lines--Equipment 2. Structures--Design

Card 2/2

Taullay, 1.; HRABEC, Z.

Experiences in erecting a how-shaped block. p. 3.

Vol. 4, no. 1, Jan. 1936 POZEMNI STAVBY Praha, Czechoslovakia

的**自由知识数1** 使用的上部包含的扩张。

Source: East European Accession List. Library of Congress Vol. 5, No. 8, August 1956

1000年,

EKARNT, A. 'Eckardt, K. ... TRUM, Kh.; BRADLER, G.; FYHGNER, R. [Fugner, R.]

Oriseorhodins, a new eroup of actinomytete dyea acting as antibiotics. Antibiotiki 10 no.7:603.512 J1 '65.

(MIRA 18:9)

1. Institut mikrobiologii i eksperimental'noy terapii Yyana;
Nemetskaya akademiya nauk, Berlin.

THUMAN, M.K., tekhnik; YES'KOV, A.S., inch; TORGOVITSKIY, A.Ya., inzh.

Reinforcing and reconditioning the old shaft lining of the Komintern Mine. Shakht. stroi. 7 no.11:22-24 Nº63 (MIRA 17:7

1. Shakhtoprokhodcheskoye upravleniye No. .. tresta Krivhas-shakhtoprokhodka (for Truman). 2. Krivorozhskiy filial Vsesoyuznogo nauchmo-issledovatel skogo instituta organizatsii i mekhanizatsii shakhtnogo stroitel stva (for Torgovitskiy).

124-57-1-1034

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 145 (USSR)

AUTHOR: Trumbachev, V.F.

TITLE: Investigation of Some Problems of Underground Pressures by

Means of an Optical Method (Issledovaniye nekotorykh voprosov

gornogo davleniya opticheskim metodom)

PER!ODICAL: Tr. In-ta gorn. dela AN SSSR, 1954, Vol 1, pp 77-101

A polaroid method for the investigation of stresses is described ABSTRACT:

with the aim of establishing a foundation for a theory which would afford a single-valued determination of the underground pressure prevailing in given conditions. The investigation comprised models of mining workings made out of optically polarizing material having a gelatin-glycerol base. The test performed afforded a means for studying the stress distribution around a working shaft following a dipping vein with consideration of the following factors: 1) The method of working (with demolition or with waste-rock filling); 2) the mechanical properties of the rocks used for packing (various ratios of the specific gravity

and the modulus of elasticity); 3) the method used in the

Card 1/3 supports and the dimensions of the stope. The investigation

124-57-1-1034

Investigation of Some Problems of Underground Pressures (Cont.)

comprised nine models in all, which were examined relative to the plane problem. The stressed state was brought about by the weight of the model material itself. For each model the isochromes (lines of equal differences of the principal stresses) were determined, also the concentration coefficients of the principal tangential and normal stresses, and the influence radii of the working shaft and the deformation of the roof and the floor. Three forms of investigation were performed: 1)- Determination of the effect of the thickness of the roof layer on the stress distribution; 2) determination of the effect of a crosscut ahead of the working shaft on the stress distribution. The linear model scale was made equal to 1:100 with models 28 mm thick. For each form of investigation three models having different dimensions were employed (the thickness of the roof layer, the width of the demolished space, and the distance to the crosscut ahead of the stope). Diagrams of the experimentally obtained stress distribution are adduced for each model, also tables of the basic physical properties of the material, and tabulations of the stress values obtained, the pressures, and the deformations. The polaroid method employed in the investigation does not appear to be universal and yields only a qualitative picture, since the difficulty of maintaining similarity affords only a means of judging the relative magnitude of the quantitative relationships. It does, however, permit the solution of problems which cannot be resolved Card 2/3

124-57-1-1034

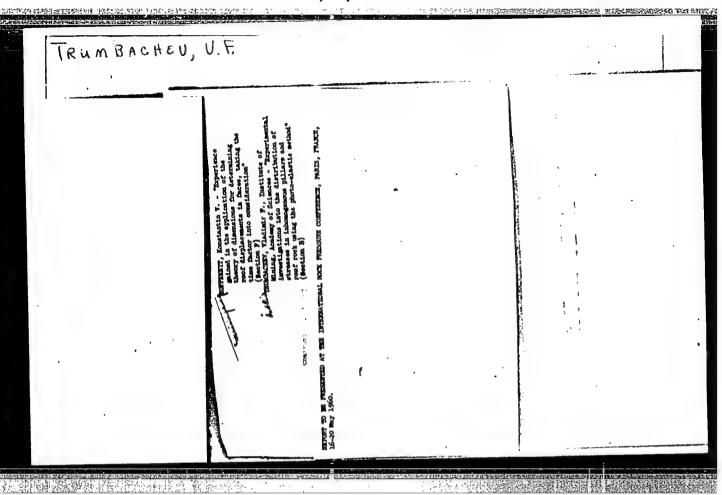
Investigation of Some Problems of Underground Pressures (Cont.)

by any other methods. Taken in conjunction with other methods, the optical method may well prove to be useful toward affording a complete picture of the phenomena involved.

K. K. Glazenap

Underground structures--Pressure--Theory
 Underground structures--Pressure--Model test results
 Optical analysis--Applications

Card 3/3



TRUMBACEV, V.F. [Trumbachev, V.F.], DrSc.; KATKOV, G.A., CSc.

Measuring the stress and determining the load of mine supports by photoelastometric foils. Rudy 12 no.11:400-403 N 164.

1. A.A.Skochinskiy Institute of Mining, Moscow, U.S.S.R.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"

KRUPENNIKOV, G.A.; TRUMBACHEV, V.F., kandidat tekhnicheskikh nauk.

Experimental study by the optical method of mine pressure with mechanized timbering. Ugol 29 no.3:15-20 Mr 154. (MLRA 7:3)

1. PNIUI (for Krupennikov). 2. Institut gernogo dela Akademii nauk SSSR (for Trumbachev).

(Mine timbering) (Mine surveying) (Marth pressure)

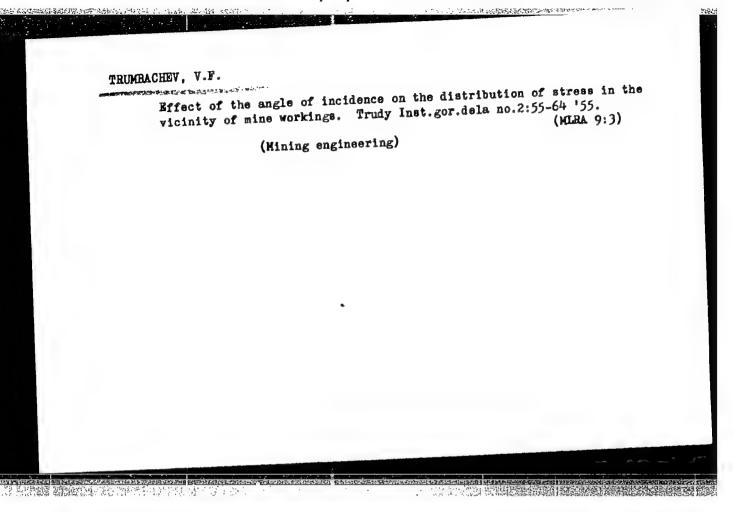
APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"

TRUMBACHEV, Vladimir Fedorovich, kandidat tekhnicheskikh nauk; KRUPEHNI-KOV, G.A., redaktor; RATNIKOVA, A.P., redaktor; NADEINSKAYA, n.A. tekhnicheskiy redaktor.

[Investigating pressure in mines by the optical method] Issledovanie gornogo davleniia v ochistnykh vyrabotkakh opticheskim metodom. Moskva, Ugletekhizdat, 1955. 97 p. (MLRA 8:8) (Earth pressure)

### "APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820006-6



### "APPROVED FOR RELEASE: 03/14/2001 CIA-RDF

CIA-RDP86-00513R001756820006-6

TO DESCRIPTION OF THE PROPERTY OF THE PROPERTY

TRUMBACHEY, UT.

BARON, L.I.; THUMBACHEV, V.F.

Using the optical method for investigating the distribution of stresses arising in a medium under the action of pressure from an enclosed hollow space. Vest. AN Kazakh. SSR 11 no.4:65-74 Ap \*55. (MIRA 8:8) (Pressure (Physics)) (Strains and stresses)

KRUPENNIKOV,G.A.; TRUMBACHEV,V.F., kandidat tekhnicheskikin nauk

Selecting efficient ways of interaction for mechanized timbering and the immediate roof. Ugol' 30 no.7:15-22 Jl'55.

(MLRA 8:10)

THE STATE OF THE S

1. Vsesoyuznyy nauchno-issledovatel skiy marksheyderskiy institut (for Krupennikov) 2. Institut gornogo dela Akademii nauk SSSR (for Trumbachev).

(Mine timbering)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"

THUMRACHEV, Vladimir Fedorovich, kandidat tekhnicheskikh nauk; ANDREYEV, V.I.,

otvotetvenny redaktor; BATHIKOVA, A.P., redaktor izdatel'stva;

MADEINSKAYA, A.A., tekhnicheskiy redaktor; KOROVENKOVA, Z.A., tekhnicheskiy redaktor

[Distribution of stress throughout mine workings] Raspredelenie napriazhenii vokrug gornykh vyrabotok. Moskva, Ugletekhizdat, 1956. 124 p.

(Mining engineering)

(MLRA 9:12)

## TRUMBACHEV, V.F. Effect of diagonal braces on stress distribution around drifts as studied on mine models. Trudy Inst.gor.dela 3:28-36 '56. (MLRA 9:8) (Mining engineering--Hodels) (Earth pressure)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"

The control of the co

124-57-1-965

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 134 (USSR)

AUTHORS: Baron, L. I., Trumbachev, V. F.

TITLE: Model Investigation of the Stress Distributions in a Medium Caused

by the Pressure of Exploding Gases Against the Wall of a Charge Chamber (Issledovaniye na modelyakh raspredeleniya napryazheniy, voznikayushchikh v srede pod deystviyem davleniya vzryvnykh

gazov na stenki zaryadnoy kamery)

PERIODICAL: V sb.: Vzryv. raboty. Nr 3. Moscow, Promstroyizdat, 1956,

pp 34-59

ABSTRACT: A specially constructed device was used in an optical study of

the stress distribution in a model occasioned by the weight of the medium and a uniform pressure applied at the boundary of a circular cylindrical housing suspended in the medium (plane problem). Numerous illustrations showing the distribution of the isolines and characteristic diagrams of the stresses and comments thereon are provided. It is noted that the tests performed were static; hence, the results may eventually be found to be considerably at variance

the results may eventually be found to be considerably at variance with the stress distributions actually prevailing during an explosion in a medium.

S.S. Grigoryan

Card 1/1 in a medium. 5. S. Grigoryan

1. Stress analysis--Model test results 2. Explosions--Stresses

--Model test results 3. Stresses--Theory

CONTROL OF THE PROPERTY OF THE

(Mining engineering)

TRUMBACHEV, V.F.; MEL'NIKOV, Ye.A. Pressure distribution around development openings depending on their depth. Trudy Inst. gor. dela 4:37-53 57.
(Earth pressure) (Mining en (MLRA 10:6)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756820006-6"